

WHAT IS CLAIMED IS:

1. A cyclone type dust collecting apparatus of a vacuum cleaner, comprising:

a lower cyclone body for centrifuging and collecting large foreign substances contained in air introduced from an outside; and

5 at least one upper cyclone bodies disposed at an upper portion of the lower cyclone body, for centrifuging and collecting small foreign substances contained in air discharged from the lower cyclone body in order of particle size.

2. The apparatus of claim 1, wherein the upper and lower cyclone bodies are

10 divided in a casing and respectively provided with an inlet port for discharging air thereinto, and an outlet portion for exhausting air in which foreign substances are centrifuged, and

a lower outlet port of the lower cyclone body and the upper inlet portion of the upper cyclone body are communicated with each other by an air path including an inner guiding portion formed at an inner portion of the casing and an outer guiding portion formed at an outer portion of the casing.

3. The apparatus of claim 2, further comprising a foreign substance removing

means disposed at an upper outlet port of the upper cyclone body and the lower outlet port of the lower cyclone body.

4. The apparatus of claim 3, wherein the foreign substance removing means disposed at the lower outlet port includes a grill for filtering large-size foreign substance, and the foreign substance removing means disposed at the upper outlet port includes a filter for filtering small-size foreign substances passing through the grill.

5. The apparatus of claim 1, further comprising dust collecting containers detachably disposed at each cyclone body, for collecting the centrifuged foreign substance.

6. The apparatus of claim 1, further comprising a dust collecting container detachably disposed at the lower cyclone body, for collecting the centrifuged foreign substances centrifuged in the upper cyclone body and the lower cyclone body.

7. The apparatus of claim 6, further comprising a dust guiding path for guiding the foreign substance centrifuged in the upper cyclone body to the dust collecting container.

8. The apparatus of claim 7, wherein the dust collecting container is partitioned into an upper dust collecting portion for collecting the foreign substance centrifuged in the upper

cyclone body and a lower dust collecting portion for collecting the foreign substance centrifuged in the lower cyclone body.

9. The apparatus of claim 8, wherein the lower cyclone body is provided with a groove formed at a lower circumferential portion thereof, and the dust collecting container is provided with an engaging end formed at a upper circumferential portion thereof fitted to the groove.